IN THE CLAIMS

Please amend the claims as follows:

1. (original) A storage device for storing data on a recording medium (40) by using allocation classes for optimizing storage and retrieval of said data based on properties of their content, said device comprising:

a) discriminating means (320) for discriminating a type of said data based on a predetermined property of said data;

b) tracking means (340) for tracking a usage pattern for a discriminated type of said data; and

c) class selection means (330) for selecting an allocation class used for storing said discriminated type of data, based on said usage pattern.

2. (original) A device according to claim 1, wherein said discriminating means (320) is arranged to discriminate said type of said data based on at least one of a file extension, a kind of data source, and a file size of said data.

3. (currently amended) A device according to claim 1 or 2, wherein said recording medium is an optical disc (40).

4.   (currently amended)   A device according to claim 1 or 2, wherein said class selection means (330) is arranged to predict said usage pattern for a predetermined file extension.

5.   (currently amended)   A device according to claim 1 or 2, wherein said storage device comprises an optical disc recording device (30).

6.   (currently amended)   A device according to claim 1, 2 or 4, wherein said class selection means (330) is arranged to select a best effort allocation class for files with a first file extension indicating a still picture, a low rate stream allocation class for files with a second file extension indicating an audio file, and a high rate stream allocation class for a third file extension indicating a video file.

7.   (currently amended)   A device according to any one of the preceding claimsclaim 1, further comprising buffer means (310) for caching said data.

8.   (original)   A device according to claim 7, wherein said class selection means (330) is arranged to assume a video file if said buffer means (310) indicates an overflow before the end of file has been stored.

9. (currently amended) A device according to claim 1, 2, 4 or 6,
wherein said class selection means (330) is arranged to select a
volatile file allocation class if said usage pattern indicates a
writing frequency greater or equal to a predetermined threshold.

10. (original) A method of selecting an allocation class used for
storing data on a recording medium (40), said method comprising the
steps of:

a) discriminating a type of data based on a predetermined property
   of said data;

b) tracking a usage pattern for a discriminated type of said data;
   and

c) selecting said allocation class based on said usage pattern.

11. (original) A method according to claim 10, wherein said
predetermined property comprises at least one of a file extension,
a kind of data source, and a file size.

12. (currently amended) A method according to claim 10 or 11,
further comprising the steps of predicting said usage pattern for a
predetermined file extension.

13. (currently amended) A method according to ~~any one of claims 10 to 12~~claim 10, wherein said allocation class is selected from a set of allocation classes comprising a best effort allocation class, a high rate stream allocation class, a low rate stream allocation class, a volatile file allocation class, and a non-volatile file allocation class.